

**RECEIVED
CENTRAL FAX CENTER**

NOV 10 2004

VIA FACSIMILE NOVEMBER 10, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Fraser et al.

Docket No.: PB370US

Application No.: 09/830,228

Confirmation No.: 3255

Filed: September 13, 2002

Art Unit: 1645

For: *Borrelia burgdorferi* Polynucleotides and
Sequences

Examiner: R. P. Swartz

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 10, 2004, please consider the following amendments and remarks. Applicants submit a Fee Transmittal Sheet concurrently herewith.

Please amend the application as follows: